

20020323.ba v03_n311.bam.20020323

>From ???@??? Sat Mar 23 03:31:35 2002 -0600
Message-Id: <200203230931.g2N9VE98023288@sco.theporch.com>
Date: Sat, 23 Mar 2002 09:30:40 GMT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3311

BOATANCHORS Digest 3311

Topics covered in this issue include:

- 1) SB200 Filter Brd
by "Don Ehrlich" <ehrich@olypen.com>
- 2) Re: NTE distributor
by "Barry L. Ornitz" <ornitz@tricon.net>
- 3) Interesting website
by "Richard Humphrey" <n6nae@ix.netcom.com>
- 4) question about Knights T-9 crystal
by Joe LeKostaj <jm_lekostaj@attglobal.net>
- 5) Tuning Knob for SX-28
by Robert Kemp <rkemp@mr.net>
- 6) Radios that use subminiature tubes
by Jerry Proc <jerry.proc@sympatico.ca>
- 7) FS: Ranger I Switches.
by David Stinson <arc5@ix.netcom.com>
- 8) Price of Eddystone 750?
by "JAMES T HANLON" <knjhanlon@email.msn.com>
- 9) Mechanical filter repair website
by john <johnmb@nc.rr.com>
- 10) Re: Mechanical filter repair website
by Al Klase <skywaves@bw.webex.net>
- 11) Re: Mechanical filter repair website
by "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
- 12) Re: Mechanical filter repair website
by John Kolb <jlkolb@cts.com>
- 13) Re: Mechanical filter repair website
by John Kolb <jlkolb@cts.com>
- 14) Musical CW
by "Don Ehrlich" <ehrich@olypen.com>
- 15) buying resistors online?
by Arden Allen <gumbear@pacbell.net>
- 16) Re: Mechanical filter repair website
by Arden Allen <gumbear@pacbell.net>
- 17) Re: Musical CW
by Arden Allen <gumbear@pacbell.net>
- 18) Re: Musical CW

by "Garey Barrell" <k4oah@mindspring.com>
19) Re: Mechanical filter repair website
by "Brian Goldsmith" <brian.goldsmith@echo1.com.au>
20) Re: Musical CW
by w8au@sssnet.com
21) Found some "gold"???
by Raymond Cote <rjcote@hawaii.rr.com>

Message-ID: <000a01c1d10e\$c9318e60\$5d1ffea9@oemcomputer>
From: "Don Ehrlich" <ehrlich@olypen.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: SB200 Filter Brd
Date: Thu, 21 Mar 2002 11:29:50 -0800
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_0007_01C1D0CB.B67146A0"

This is a multi-part message in MIME format.

-----=_NextPart_000_0007_01C1D0CB.B67146A0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Now that I need a pwr supply filter for the SB200 I can no longer find =
any of the ads for them that I have been ignoring all these years. Can =
anyone direct me to a source?

Don K7FJ

-----=_NextPart_000_0007_01C1D0CB.B67146A0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
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* * * * *

-----=_NextPart_000_0007_01C1D0CB.B67146A0--

Message-ID: <003c01c1d116\$981e68e0\$6b5362d8@naxs.com>

From: "Barry L. Ornitz" <ornitz@tricon.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: NTE distributor
Date: Thu, 21 Mar 2002 15:25:14 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Breck,

What was the original transistor? I have quite a few germanium power parts in the junk box including the TO-36 doorknob cases popular with many mobile inverter supplies in the 1960's.

NTE has a website, <http://www.ntelinc.com>, that will tell you most of their distributors. You used to be able to call 1-800/631-1250 to get your closest distributor.

Sadly NTE can only provide parts currently in production as they merely buy commercial parts and re-label them. Thus no more dual-gate MOSFET's. Fortunately Germanium Power Devices still makes many germanium power parts for NTE. Their company president, Oliver Ward (Oliver Germanium), could pass for my twin brother now that my hair has caught up with his grey! You used to see his funny ads in the trade journals.

73, Barry WA4VZQ ornitz@tricon.net

P.S. I am only getting to read this list occasionally these days with my new job as chairman of an oversight committee on local transportation issues. :-(
I will reply to all direct emails - just slowly. And since I used to work in Elkton, MD / Newark, DE, I know where Dover is!

> I am working on an older military radio the PRC-47 and
> it uses germanium PNP transistors in a crude high voltage
> switching supply. Does anyone have a good NTE
> distributor so I can order some high current NTE 179's?
>
> Breck K4CHE in Dover Delaware, ain't nutten here in dover
> except chickens, a nascar track, and hams that cant
> solder.

Message-ID: <41200235224625200@ix.netcom.com>
From: "Richard Humphrey" <n6nae@ix.netcom.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Interesting website
Date: Thu, 21 Mar 2002 20:6:25 -0800
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_84815C5ABAF209EF376268C8"

-----_NextPart_84815C5ABAF209EF376268C8
Content-type: text/plain; charset=US-ASCII

Found this one today: <http://www.warships1.com/W-Tech/>

The Naval Technical Board, an archive for essays about technical naval matters. Papers on "Do battleships move sideways when firing their guns", "German WWII radar", "Crosley's secret war effort - the proximity fuse" and "How to shaft a ship". Hope they're talking about prop drive shafts.

--- Richard

--- n6nae@ix.netcom.com

-----_NextPart_84815C5ABAF209EF376268C8
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Content-Transfer-Encoding: 7bit

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* * * * *

-----_NextPart_84815C5ABAF209EF376268C8--

Mime-Version: 1.0
Message-Id: <p04320402b8c0fd01641a@[12.64.24.113]>
Date: Fri, 22 Mar 2002 09:32:15 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: Joe LeKostaj <jm_lekostaj@attglobal.net>
Subject: question about Knights T-9 crystal
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Hello.

Found a James Knights crystal in my junkbox; it's 100.000 kHz in a black metal octal tube housing. They call it a T-9 holder. The advertisement section of the 1953 ARRL Handbook carries an ad from Knights which describes their products of "the past, present, and future". The T-9 is holder is mentioned as one of their "present" products, so that helps in dating it. Anyway, are there any specific BAs that used this crystal? Or was it just sort of a standard catalog item?

Tnx & 73,
Joe K9LY

Message-ID: <3C9B97E8.5327414D@mr.net>
Date: Fri, 22 Mar 2002 14:45:28 -0600
From: Robert Kemp <rkemp@mr.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Tuning Knob for SX-28
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anyone have the tuning knobs for a SX-28 or a junker out there.
Bob.

Message-ID: <3C9B867B.FD049700@sympatico.ca>
Date: Fri, 22 Mar 2002 14:31:07 -0500
From: Jerry Proc <jerry.proc@sympatico.ca>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: skywide@yahooogroups.com
Subject: Radios that use subminiture tubes
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Group,

I was sent this URL which has a section dealing with radios which used subminiature tubes. Thought I would share this.

<http://www.radiolaguy.com/subminiature.htm>

--

Regards,
Jerry Proc VE3FAB
Toronto, Ontario
e-mail: jerry.proc@sympatico.ca
<http://webhome.idirect.com/~jproc/ve3fab>

Message-ID: <3C9BA20E.74876794@ix.netcom.com>
Date: Fri, 22 Mar 2002 15:28:46 -0600
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: Ranger I Switches.
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ranger I Bandswitch and
Rnager I Antenna Loading switch.
Removed from a basket case Ranger.
\$10 each plus \$4 USPS Priority Shipping.

Message-ID: <000a01c1d1f2\$c3c5de60\$fd5e143f@jameshan>
From: "JAMES T HANLON" <knjhanlon@email.msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Price of Eddystone 750?
Date: Fri, 22 Mar 2002 15:41:49 -0700
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_0007_01C1D1B8.1513EEA0"

This is a multi-part message in MIME format.

-----_NextPart_000_0007_01C1D1B8.1513EEA0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I'm starting an article on the Eddystone 750 for ER. It was built back =
in 1951. I'd appreciate it if someone could tell me what the original =
sales price was, and if possible also how that would relate to US =
dollars at the time in case the price is in some other currency.

Thanks,

Jim Hanlon, W8KGI

-----=_NextPart_000_0007_01C1D1B8.1513EEA0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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```

-----=_NextPart_000_0007_01C1D1B8.1513EEA0--

Message-Id: <3.0.3.32.20020322202550.015f3b04@pop-server.nc.rr.com>
Date: Fri, 22 Mar 2002 20:25:50 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@nc.rr.com>
Subject: Mechanical filter repair website
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The good news, is that this page has a great set of photos on
mechanical filter repair. The bad news, is that it's in Japanese...

Oh well... the pictures are interesting!

<http://www.ksky.ne.jp/~t-kato/hamf/myexp/MF-Repair.html>

73
John

John Brewer - WB50AU/4

AMI #24
Clayton NC
johnmb@nc.rr.com

Message-ID: <3C9BF0DB.F1035D75@bw.webex.net>
Date: Fri, 22 Mar 2002 22:04:59 -0500
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Mechanical filter repair website
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Very interesting. I did this once a while ago to a Kokusai in a Lafayette RX. It appeared the filter was mounted in foam, probably urethane. The years have not been kind to them. Mine looked about like the pictures, and performance was severely compromised. I didn't hit on nail polish remover to dissolve the mung. I unsoldered the filter from the wires, and used nasty paint remover to clean it up. I the reassembled using fine celled polyethylene foam that the movers wrapped around the dishes. I don't think the PE will break down with age.

Are Collins filters subject to the same problems?

73,
Al

john wrote:
>
> The good news, is that this page has a great set of photos on
> mechanical filter repair. The bad news, is that it's in Japanese...
>
> Oh well... the pictures are interesting!
>
> <http://www.ksky.ne.jp/~t-kato/hamf/myexp/MF-Repair.html>

--
Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: <http://www.webex.net/~skywaves/home.htm>

Message-Id: <5.1.0.14.2.20020322220900.00b0f498@po.muohio.edu>
Date: Fri, 22 Mar 2002 22:17:06 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
Subject: Re: Mechanical filter repair website
Cc: "boatanchors@theporch.com" <boatanchors@theporch.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi John,
Actually, the ham who made the site, Takahiro Kato JH1WBU/JA9TTT, made an English translation of his entire site, including the mechanical filter repair page. His English is a bit weak, but a heck of lot better than my Japanese! And Takahiro gets a lot of credit in my book for putting forth the effort on behalf of all of us English-speaking blokes.

73,
Jim

P.S. The URL for the translated site (below) is cumbersome, and if you can't get it to work then seek it out from the original URL.

[http://www.lycos.co.jp/translation/web/result.html?
wb_url=http%3A%2F%2Fwww.ksky.ne.jp%2F%7Et-kato%2Fhamf%2Fmyexp%2FMF-
Repair.html&wb_lp=JAEN&wb_dis=2](http://www.lycos.co.jp/translation/web/result.html?wb_url=http%3A%2F%2Fwww.ksky.ne.jp%2F%7Et-kato%2Fhamf%2Fmyexp%2FMF-Repair.html&wb_lp=JAEN&wb_dis=2)

08:25 PM 3/22/2002, you wrote:

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>mechanical filter repair. The bad news, is that it's in Japanese...

>

>Oh well... the pictures are interesting!

>

><http://www.ksky.ne.jp/~t-kato/hamf/myexp/MF-Repair.html>

>

>73

>John

>

>

>

>-----

>John Brewer - WB50AU/4

>AMI #24

>Clayton NC

>johnmb@nc.rr.com

>-----

Date: Fri, 22 Mar 2002 20:01:06 -0800 (PST)
From: John Kolb <jlkolb@cts.com>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Mechanical filter repair website
Message-ID: <Pine.BSF.4.44.0203221954370.68166-100000@king.cts.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 22 Mar 2002, Al Klase wrote:

> Very interesting. I did this once a while ago to a Kokusai
> in a Lafayette RX. It appeared the filter was mounted in
> foam, probably urethane. The years have not been kind to
> them. Mine looked about like the pictures, and performance
> was severely compromised. I didn't hit on nail polish
> remover to dissolve the mung. I unsoldered the filter from
> the wires, and used nasty paint remover to clean it up. I
> the reassembled using fine celled polyethylene foam that the
> movers wrapped around the dishes. I don't think the PE will
> break down with age.

I've also had to repair a Kokusai filter, have talked to
several people with the same problem, including one NOS in
the box filter. I think the question is are there any
Kokusai filters of this vintage that haven't failed?

I packed mine in cotton to hold it in place in the case-
fine cell foam sounds like a better idea.

>
> Are Collins filters subject to the same problems?

I've opened several Collins for repairs or attempted
repairs and haven't found that problem - Most Collins
filters are held in place in the case by rubber pieces.
I have heard a report on one of the earlier vintages
where the rubber seemed to be a standard rubber grommet
and had come apart on a single filter.

John

Date: Fri, 22 Mar 2002 20:04:51 -0800 (PST)
From: John Kolb <jlkolb@cts.com>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Mechanical filter repair website

Message-ID: <Pine.BSF.4.44.0203222002220.68166-1000000@king.cts.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 22 Mar 2002, James C. Garland wrote:

> P.S. The URL for the translated site (below) is cumbersome, and if you
> can't get it to work then seek it out from the original URL.
>

I'm told that if you enclose long web links in brackets
that it can be accessed properly even if the address wraps around to
two lines on the browser.

<[http://www.lycos.co.jp/translation/web/result.html?
wb_url=http%3A%2F%2Fwww.ksky.ne.jp%2F%7Et-kato%2Fhamf%2Fmyexp%2FMF-
Repair.html&wb_lp=JAEN&wb_dis=2](http://www.lycos.co.jp/translation/web/result.html?wb_url=http%3A%2F%2Fwww.ksky.ne.jp%2F%7Et-kato%2Fhamf%2Fmyexp%2FMF-Repair.html&wb_lp=JAEN&wb_dis=2)>
>

Message-ID: <000f01c1d221\$aeeb6260\$5d1ffea9@oemcomputer>
From: "Don Ehrlich" <ehrich@olypen.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Musical CW
Date: Fri, 22 Mar 2002 20:17:41 -0800
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_000C_01C1D1DE.9F248480"

This is a multi-part message in MIME format.

-----_NextPart_000_000C_01C1D1DE.9F248480
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Yesterday I described my latest homebrew VFO-QRP rig that I had just put =
on the air (6au6 osc, 6u8 and 6aq5 buffer-multipliers,5763 final). He =
asked if I would be able to make it sound like some of the bell-like cw =
signals of old.

I confidently told him it was simple to do by just keying a carrier AM =
modulated with a tone. Later I thought better, wondering why 120 hz =
power supply hum sounded so bad and, according to my theory, a 500 hz =
tone modulation would sound good. So I tried it in the privacy of my =
shack into a dummy load. I used am modulation of variable frequency 100 =
to 1000 hz, modulating from 10 to 100 percent ... with both sine and =

square wave. It all sounded BAD.

I am sure it is illegal to do it on the air anyway. However, I remember =
as a kid in the 50's hearing cw in beautiful bell-like tones and I heard =
it once a couple weeks ago as a very weak signal. Now I am curious. =
Just how was it done? Was it an accident of some kind or a deliberate =
modulation technique. I think I have heard others say that it was done =
deliberately by cycling the key on and off at a few hundred hertz but I =
think that is a myth.

Don K7FJ

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Date: Fri, 22 Mar 2002 20:46:04 -0800
From: Arden Allen <gumbear@pacbell.net>
Subject: buying resistors online?
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0GTE00MXRT8J12@mta7.pltn13.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Where, oh where is an online distributor that stocks a comprehensive line
of 1/2, 1 and 2 watt 2% resistors? With online ordering? When it comes to
finding resistors on the web it's like hunting for mean cave dwellers in
Afghanistan. Not a lot of fun. Any recommendations would be helpful.
Thanks in advance.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Date: Fri, 22 Mar 2002 20:49:47 -0800
From: Arden Allen <gumbear@pacbell.net>

Subject: Re: Mechanical filter repair website
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0GTE00MTKT0J1V@mta7.pltn13.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

And if that doesn't work copy and paste the entire address into your web browser's address window and punch <return>.

> From: John Kolb <jlkolb@cts.com>
> To: Old Tube Radios <boatanchors@theporch.com>
> Cc: Old Tube Radios <boatanchors@theporch.com>
> Subject: Re: Mechanical filter repair website
> Date: Friday, March 22, 2002 8:04 PM
>
> On Fri, 22 Mar 2002, James C. Garland wrote:
>
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> > can't get it to work then seek it out from the original URL.
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> >

Date: Fri, 22 Mar 2002 20:55:52 -0800
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: Musical CW
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0GTE00MTNT0L1V@mta7.pltn13.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Don wonders:

> However, I remember as a kid in the 50's hearing cw in beautiful
bell-like tones

The drug culture was not so well known back then so I'm guessing it was a result of the cans being on too tight for too long. Kidding aside, a bell rings at one frequency so it's really about the shape of the keying. Ultra-soft keying would perhaps give a bell like sound. Is this a possible answer?

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-ID: <013e01c1d22c\$e45a4640\$6401a8c0@hp>
From: "Garey Barrell" <k4oah@mindspring.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Musical CW
Date: Sat, 23 Mar 2002 00:37:59 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Don -

I'm sure there's someone on here who knows the "real" answer, but I think what gives you that bell-like sound is keying the primary of the B+ supply. Gives you a short but noticeable "attack" and a decaying "tail" because of the filter caps charging and discharging.

Don, W4WJ had a beautiful sound a few years ago, without using primary keying. Seems to me an electrolytic capacitor across the key would give a similar effect, with perhaps a resistor to keep the tail from being too long.

73, Garey - K40AH
Atlanta

----- Original Message -----
From: "Don Ehrlich" <ehrich@olypen.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Friday, March 22, 2002 11:17 PM
Subject: Musical CW

Yesterday I described my latest homebrew VFO-QRP rig that I had just put on the air (6au6 osc, 6u8 and 6aq5 buffer-multipliers, 5763 final). He asked if I would be able to make it sound like some of the bell-like cw signals of old.

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I am sure it is illegal to do it on the air anyway. However, I remember as a kid in the 50's hearing cw in beautiful bell-like tones and I heard it once a couple weeks ago as a very weak signal. Now I am curious. Just how was it done? Was it an accident of some kind or a deliberate modulation technique. I think I have heard others say that it was done deliberately by cycling the key on and off at a few hundred hertz but I think that is a myth.

Don K7FJ

Message-ID: <005b01c1d23b\$2de76f50\$e7168490@server>
From: "Brian Goldsmith" <brian.goldsmith@echo1.com.au>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: <boatanchors@theporch.com>
Subject: Re: Mechanical filter repair website
Date: Sat, 23 Mar 2002 18:20:15 +1100
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks Jim, good sleuthing, works A1.

Actually, the ham who made the site, Takahiro Kato JH1WBU/JA9TTT, made an English translation of his entire site, including the mechanical filter repair page. P.S. The URL for the translated site (below) is cumbersome, and if you can't get it to work then seek it out from the original URL.

http://www.lycos.co.jp/translation/web/result.html?wb_url=http%3A%2F%2Fwww.ksky.ne.jp%2F%7Et-kato%2Fhamf%2Fmyexp%2Fmf-Repair.html&wb_lp=JAEN&wb_dis=2

From: w8au@sssnet.com
Message-Id: <4.2.0.58.20020323025230.009b48c0@mail.sssnet.com>
Date: Sat, 23 Mar 2002 02:56:39 -0500
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Musical CW
Cc: boatanchors@theporch.com
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:17 PM 03/22/2002 -0800, Don wrote:
>Yesterday I described my latest homebrew VFO-QRP rig that I had just put
>on the air (6au6 osc, 6u8 and 6aq5 buffer-multipliers,5763 final). He
>asked if I would be able to make it sound like some of the bell-like cw
>signals of old.
>Just how was it done? Was it an accident of some kind or a deliberate
>modulation technique. I think I have heard others say that it was done
>deliberatly by cycling the key on and off at a few hundred hertz but I
>think that is a myth.

It was done by dropping extra capacity across the key..... slower rise time
and longer decay. This
worked well with cathode keyed rigs, but should do the same for all types
of keying.

Very simple, really.....

Perry w8au

Message-ID: <3C9C4ADE.81C85A96@hawaii.rr.com>
Date: Fri, 22 Mar 2002 23:29:02 -1000
From: Raymond Cote <rjcote@hawaii.rr.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Found some "gold"???
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My kids said "junk" however!!!

While trying to walk off some of this excess weight that I
carry around my mid section, I found a gold mine in a dumpster near my
work. I immediately ran (it was difficult) and got my truck and started
unloading the dumpster of Manuals. LOTS of manuals. Anyone needing

to see a list let me know and I'll send an excel file.

There are over 200 line items each a different manual. Almost all are test equipment, HP and Tek. so don't look for ham gear. At least, I found manuals for all my scopes and test equipment, so I am very pleased.

I will sell what ever I don't need to keep as ready spares. Prices I have not even thought of, but as always, plus shipping. Scan my list and e-mail me for a more than fair price.

Also this week something else happened. I went a few years without finding any good radios to save for projects, and I get a call from the son of an SK Ham. Good news!!! He said come and get all my dad's stuff!!!! go figure. I had to go see after all. It is a sacrilege not to accept donations of gear. "[even if it is not very useful, at least keep everyone in the habit of thinking of you to browse their stuff.

After picking up the first truck full, I was in total shock. I am going to go back next saturday and get the second truck full. I have a full bed pickup, but still this is a lot of gear. Bad news is that he kept it all in a leaky barn for 9 years, so quite a bit is unrecognizable and many are for the most part "parts units, so I will generate a list later. So far I recognized the R390A, R389 and the ART-13 The ART-13 is for parts I expect with the vacuum relay broken and no knowledge about it. The R-390A and R389 were nests for rats, so have most of the metal pretty rusted or scaled from the urine. These are worthy of my best efforts to restore later, and preserve now.

Ray

End of BOATANCHORS Digest 3311
